

## **Bioherbicide research scientist**

Apea.Bio is an R&D company that focuses on the exploitation of natural interactions that occur between microorganisms and plants. Apea.Bio discovers and develops new biology-based agricultural products for crop protection and crop improvement, hence shaping a more sustainable agriculture.

We are seeking highly motivated and innovative scientists to help us carry out the Research and Development of novel and superior agricultural biological products. Successful candidates will become part of a committed, creative and highly dynamic team with opportunities to take responsibility and for personal development.

Apea.Bio is based in Gent, Belgium embedded in the largest European Agro-Biotech valley.

To strengthen its research team Apea.Bio is looking for a bioherbicide research scientist that will be responsible for all aspects related to building up and executing the bioherbicide project with natural microbial diversity as a basis.

### **Main responsibilities:**

- Develop and optimize the bioherbicide discovery screening
- Generate strong biological results through a screening process with *in house* developed assays and technologies
- Work closely together with the Apea.Bio microbiologists, molecular biologists and plant physiologists in a team environment to propel the project
- Show strong leadership in the bioherbicide discovery process: design and hands-on implementation of *in vitro* and *in planta* screening assays
- Co-develop the field-trial validation strategy
- Report to management
- Assist in designing and rolling out the long-term project strategy
- Maintain detailed records of (standard operating) protocols and results
- Be an active member of the R&D leadership team

### **Qualifications:**

- Deep knowledge of and hands-on experience on the principles, practices and techniques of (bio)herbicides discovery and early product development
- Hands-on experience with testing *in vitro* of (bio)herbicide candidates
- Hands-on experience with testing *in planta* of (bio)herbicide candidates
- Knowledge of the agricultural industry
- Ability to coordinate collaborations with external parties
- Ability to think strategically and creatively with regard to development of (bio)herbicidal products
- Ability to read, analyze and interpret scientific journal articles, technical procedures, and government regulations
- Strong capability to communicate and present data to R&D leadership team

**Education and Experience:**

- Ph.D. or MS in Biology, Microbiology, Biochemistry, Engineering (or equal through relevant experience) or related fields
- Experience of working in a GLP/GMP environment is a plus
- At least three years of work experience in agricultural science (academic or industry) related to (bio)herbicide R&D

**Other skills:**

- Computer skills: proficiency in Word, Power Point and Excel applications. Experience with data management and statistics software is a plus
- Language skills: fluent in English (written and verbal)
- Interpersonal skills: team player, creative, communicative, optimist, committed, flexible, entrepreneurial, organized, problem-solver

Motivated applicants should send their CV including a cover letter to [steven.vandenabeele@aphea.bio](mailto:steven.vandenabeele@aphea.bio) and [Isabel.vercauteren@aphea.bio](mailto:Isabel.vercauteren@aphea.bio) before October 31<sup>th</sup>, 2020.